

FIG. 1A

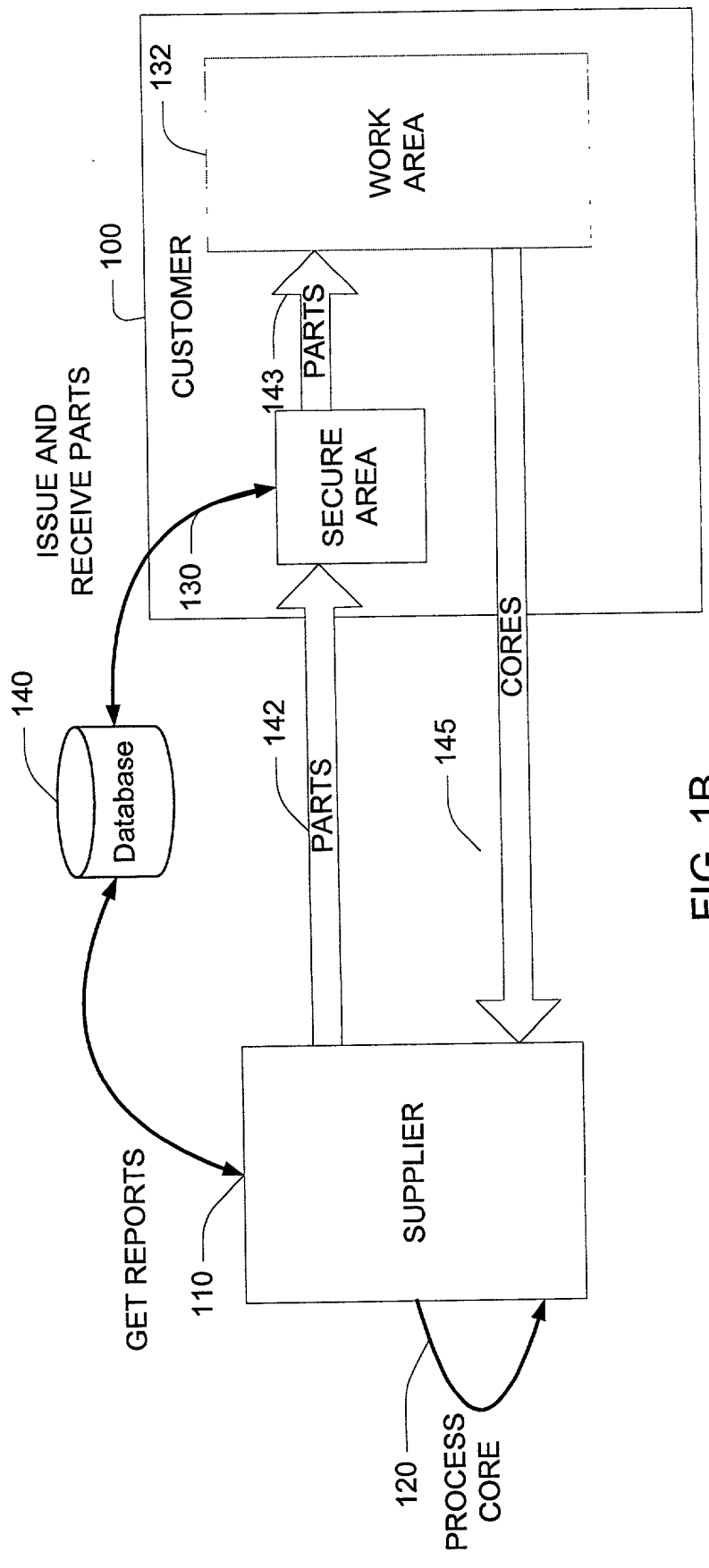


FIG. 1B

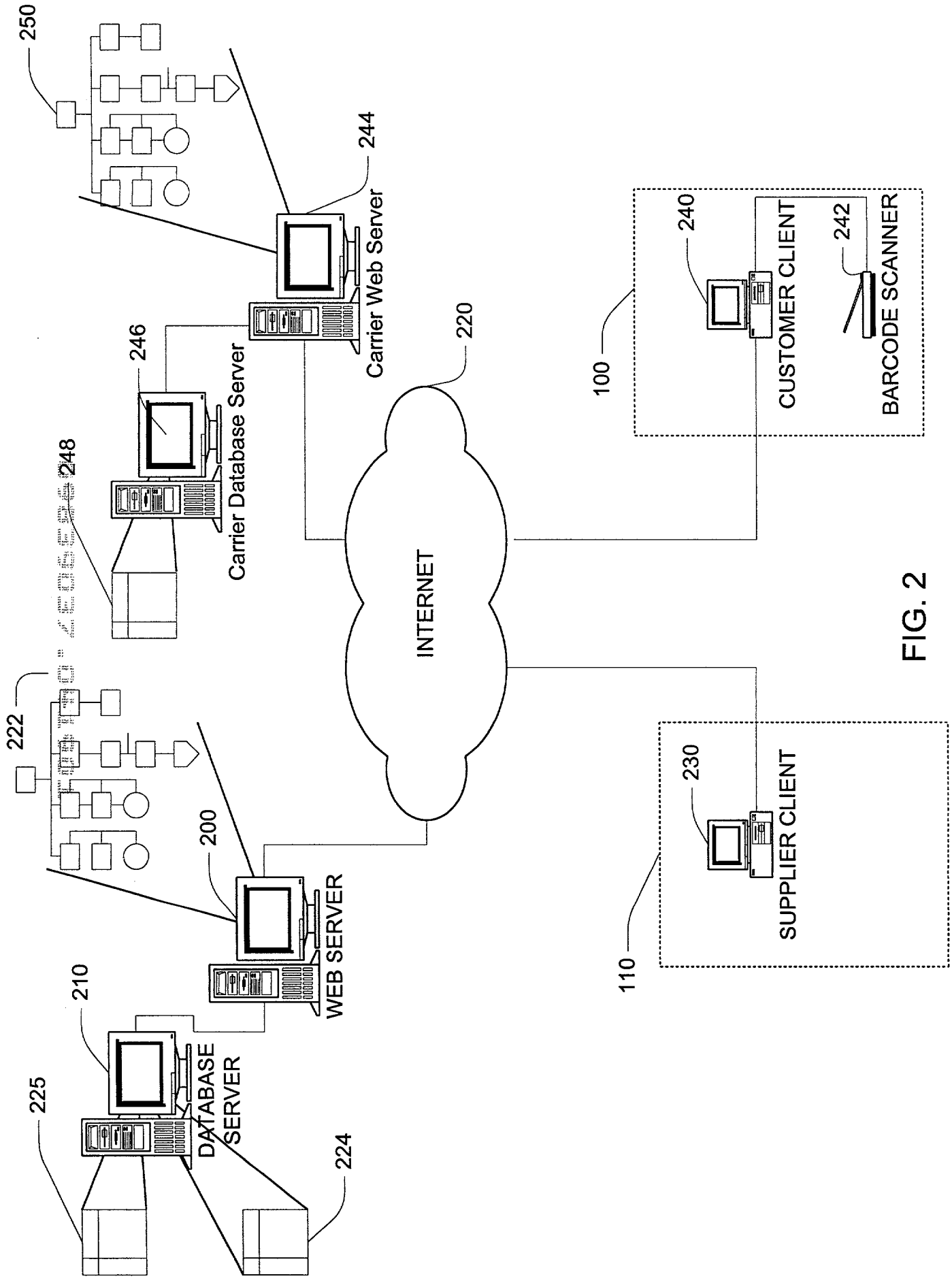


FIG. 2

[illegible]

Customer Warehouse WEB Navigation Overview

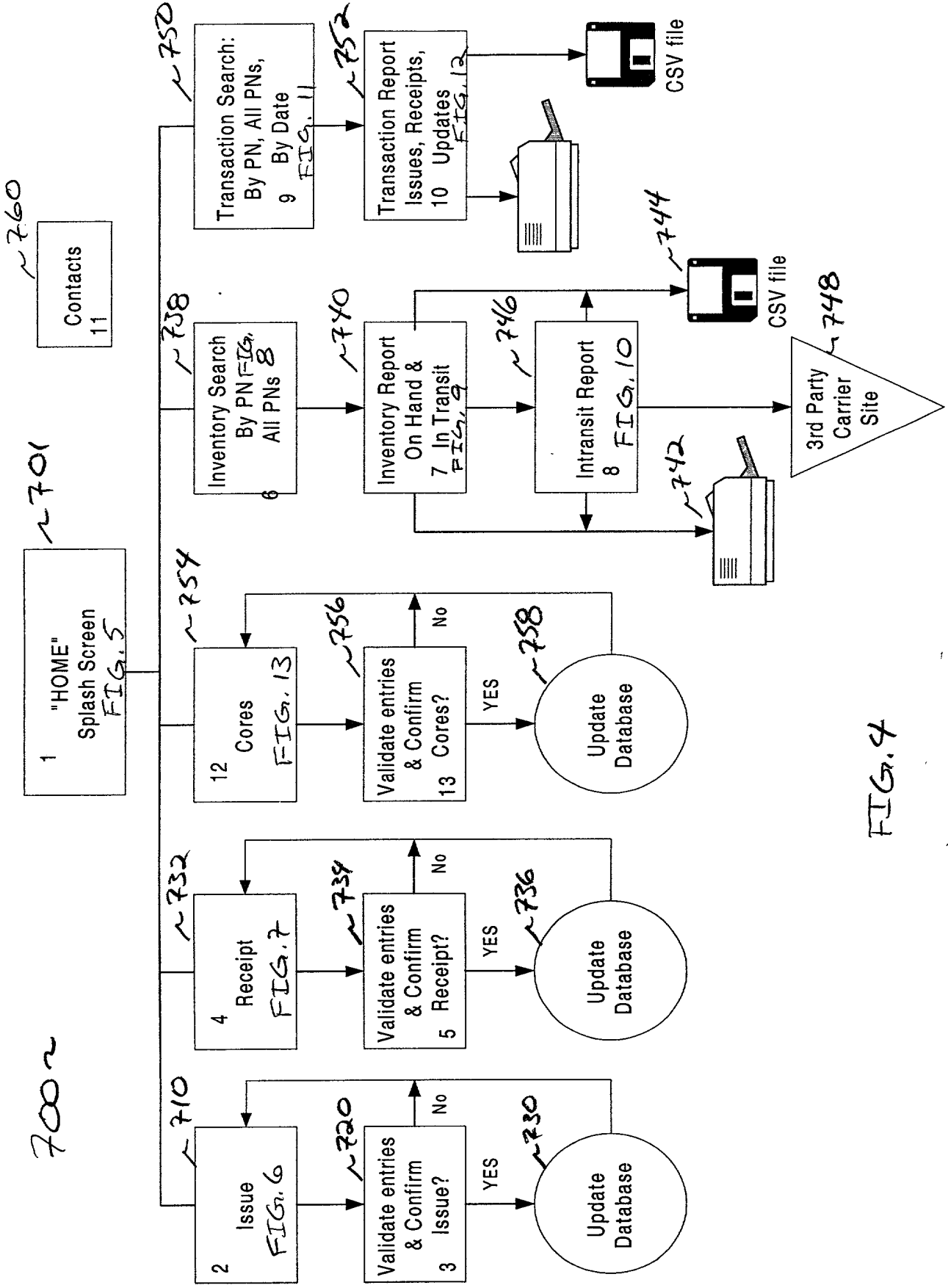


FIG. 4

Storefront Home Page

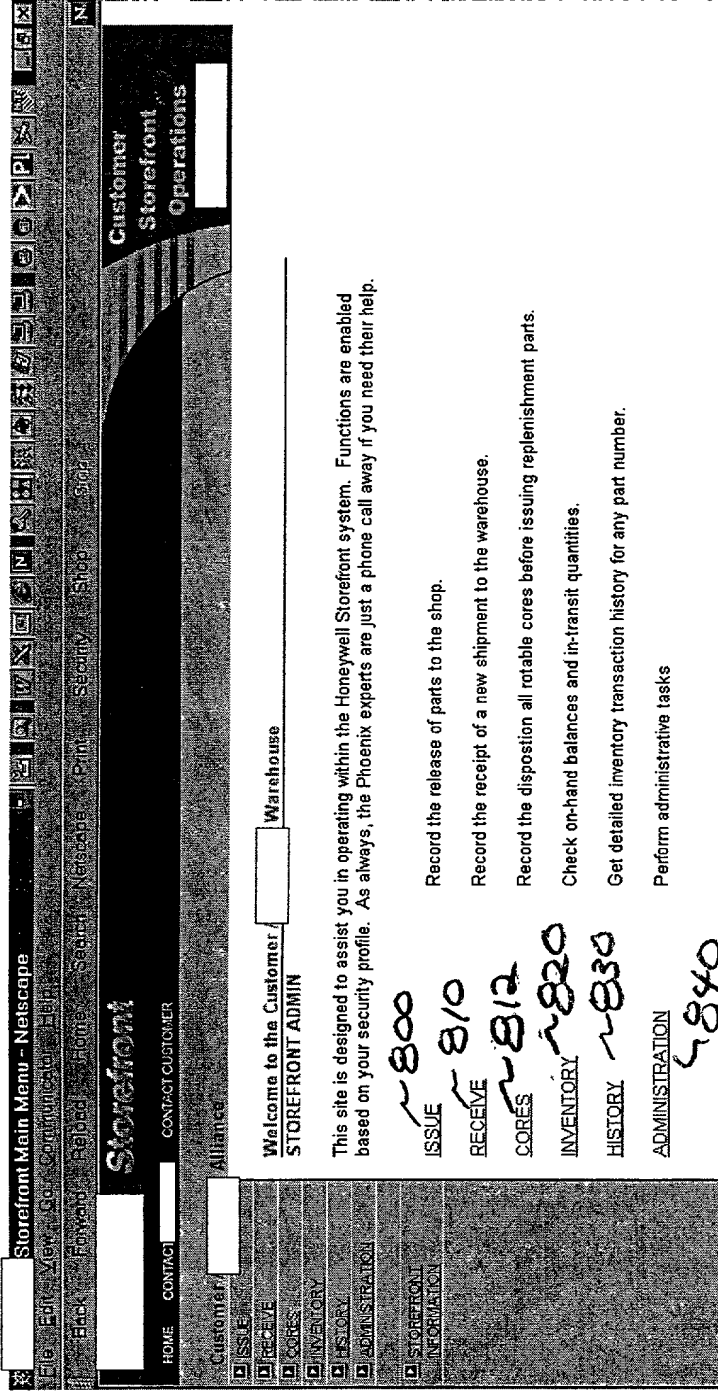


FIG. 5

Issuing Parts to the Repair Shop

StoreFront Operations - Issue - Netscape

File Edit View Go Communications Help

Back Forward Reload Home Select Netscape Print Security Shop Stop

Storefront

HOME CONTACT Alliance

Customer/

☐ ISSUE
☐ RECEIVE
☐ CORES
☐ INVENTORY
☐ HISTORY
☐ ADMINISTRATION
☐ STOREFRONT INFORMATION

StoreFront - Issue

Please scan in the part.

Enter the part number. Enter the serial number if required.
Select "New" or "Rotable" based on the condition of the parts being issued. If available enter the APU S/N these parts are issued to.

Part

Quantity

Serial Number

Is this a new part? ☒ yes ☐ no

APU S/N

~900

902

910

920

922

924

930

FIG. 6

Receiving Replenishment Orders from Supplier

Storefront Receive - Netscape
File Edit View Go Communicate Help
Back Forward Reload Home Search Netscape Print Stop
Storefront
HOME CONTACT CUSTOMER Alliance
Customer Alliance
ISSUE
RECEIVE
CORES
INVENTORY
HISTORY
ADMINISTRATION
STOREFRONT INFORMATION

StoreFront Receive

Receiving Shipments

Enter the purchase order number, part number, and quantity. Then use the drop-down arrow to select the arrival. Select New or Rotable based on the condition of the parts being received.

PO

Part

Quantity

Arrival

Condition ☒ New ☐ Rotable ☐

Record Cancel Reset

1006 1010 1008

Customer Storefront Operations

FIG. 7

Requesting an Inventory Report

Storefront Inventory Report - Netscape

Back Forward Reload Home Search Message Print Security Shop Stop

Bookmarks Location

Storefront

HOME CONTACT CONTACT CUSTOMER Alliance

Customer/

Inventory Report Query

Part: ~853 ~852

Part number is optional. If not entered, then all part numbers will be returned sorted by part number.

854

☐ RECEIVE
☐ ISSU
☐ CORES
☐ INVENTORY
☐ HISTORY
☐ ADMINISTRATION
☐ STOREFRONT INFORMATION

Customer Storefront Operations

FIG. 8

Viewing On-Hand and In-Transit Inventory

Storefront Inventory Report - Netscape

File Edit View Go Communications Help

Back Forward Reload Home Search Netscape Run Security Stop

Storefront

HOME CONTACT CUSTOMER

Customer/ Alliance

ISSUE

RECEIVE

CORES

INVENTORY

HISTORY

ADMINISTRATION

STOREFRONT INFORMATION

Customer Storefront Operations

Inventory Report Results

SELECTION CRITERIA: ALL PARTS, 3 rows returned

~1222 ~1210 ~1214 ~1218 ~1223 ~1200

Customer Part Number	Manufacturer Part Number	Description	Serial No	On Hand New	On Hand Rotable	In Transit New	In Transit Rotable	Bank Quantity	Core Credits	Engine Model
491103528	AF1108	3180785-52	VALVE	No	4	4	0	0	8	0 331-200250
491703278	AF1111	3844036-2	SEAL	No	2	0	0	0	2	0 331-200250
491702138	AF1108	3844012-3	STATOR	Yes	3	1	0	0	5	0 331-200250

1202 1204 1208 1206

1212 1216 1220 1224

1218

Click on In Transit New (1) to view open order details

FIG. 9

Tracking In-Transit Inventory

[File](#)
[Edit](#)
[View](#)
[Go](#)
[Communications](#)
[Help](#)

[Back](#)
[Forward](#)
[Reload](#)
[Home](#)
[Search](#)
[Netscape](#)
[Print](#)
[Security](#)
[Shop](#)
[Stop](#)

[Bookmarks](#)
[Location](#)

Storefront

Customer Storefront Operations

[HOME](#)
[CONTACT](#)
[CUSTOMER](#)

[Customer /](#)
[Alliance](#)

[Issue](#)
[Receive](#)
[Core](#)
[Inventory](#)
[History](#)
[Administration](#)
[Storefront Information](#)

Part and Purchase Order Report Results

SELECTION CRITERIA: Part Number = 3844012-3, 1 row returned

Download to CSV

Part Number	Purchase Order	Ship Qty	Ship Date	Carrier	Waybill
3844012-3	DLN0485396	1	08/22/2000	473455566393	

1302 1304 1306 1308 1310 1312 ~1300

Click on Waybill to view shipping status. 1316

FIG. 10

[illegible]

THE

3/20/06

[illegible]

FIG. 12

Core Disposition

Storefront Operations - Core Disposition - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Show

Customer Storefront Operations

HOME CONTACT CONTACT CUSTOMER

Customer Alliance

StoreFront Core Disposition

Core Disposition

Please indicate the disposition of this core or cores. Only one disposition type (scrap or rework) may be entered at a time.

Part

Quantity

Scrap ☒ These cores have been scrapped. Replenishment parts must be ordered from Supplier through your normal purchasing process.

Rework ☒ These cores have been returned to Supplier for repair.

PO Number

Waybill

Carrier

Record Cancel Reset

1322
1324
1326
1328
1330
1332
1334

1336

Document Date

FIG. 13

(Web Processes in Bold)



FIG. 14

FIG. 15 is a flowchart illustrating a process for issuing parts, in accordance with an embodiment of the present invention. The process begins with a Part Requirement (306), which leads to an Issue Screen (306). The Issue Screen displays the Part, P/N, Qty, S/N, Condition, and Assembly S/N. The process then proceeds to a decision diamond (2002) asking if the Part Condition is New. If Yes, the process proceeds to a decision diamond (2000) asking if Issue Qty is less than or equal to New OH Qty. If Yes, the process proceeds to a process block (2052) to Decrement New OH Qty, which then leads to the Next Step. If No, the process proceeds to a Warning block (2010), which then leads to the Next Step. If the Part Condition is Rotable, the process proceeds to a decision diamond (2040) asking if Rotable is allowed. If Yes, the process proceeds to a decision diamond (2020) asking if Issue Qty is less than or equal to Rotable OH Qty. If Yes, the process proceeds to a decision diamond (2060) asking if Issue Qty is less than or equal to Core Credit Qty. If Yes, the process proceeds to a process block (2050) to Decrement Rotable OH Qty and Core Credit Qty, which then leads to the Next Step. If No, the process proceeds to an Error block. If the Rotable is not allowed, the process proceeds to an Error block (2042). If the Issue Qty is less than or equal to Rotable OH Qty but not less than or equal to Core Credit Qty, the process proceeds to a Warning block (2030), which then leads to the Error block. The Error block leads back to the Issue Screen.

Detail for Part Issue Process

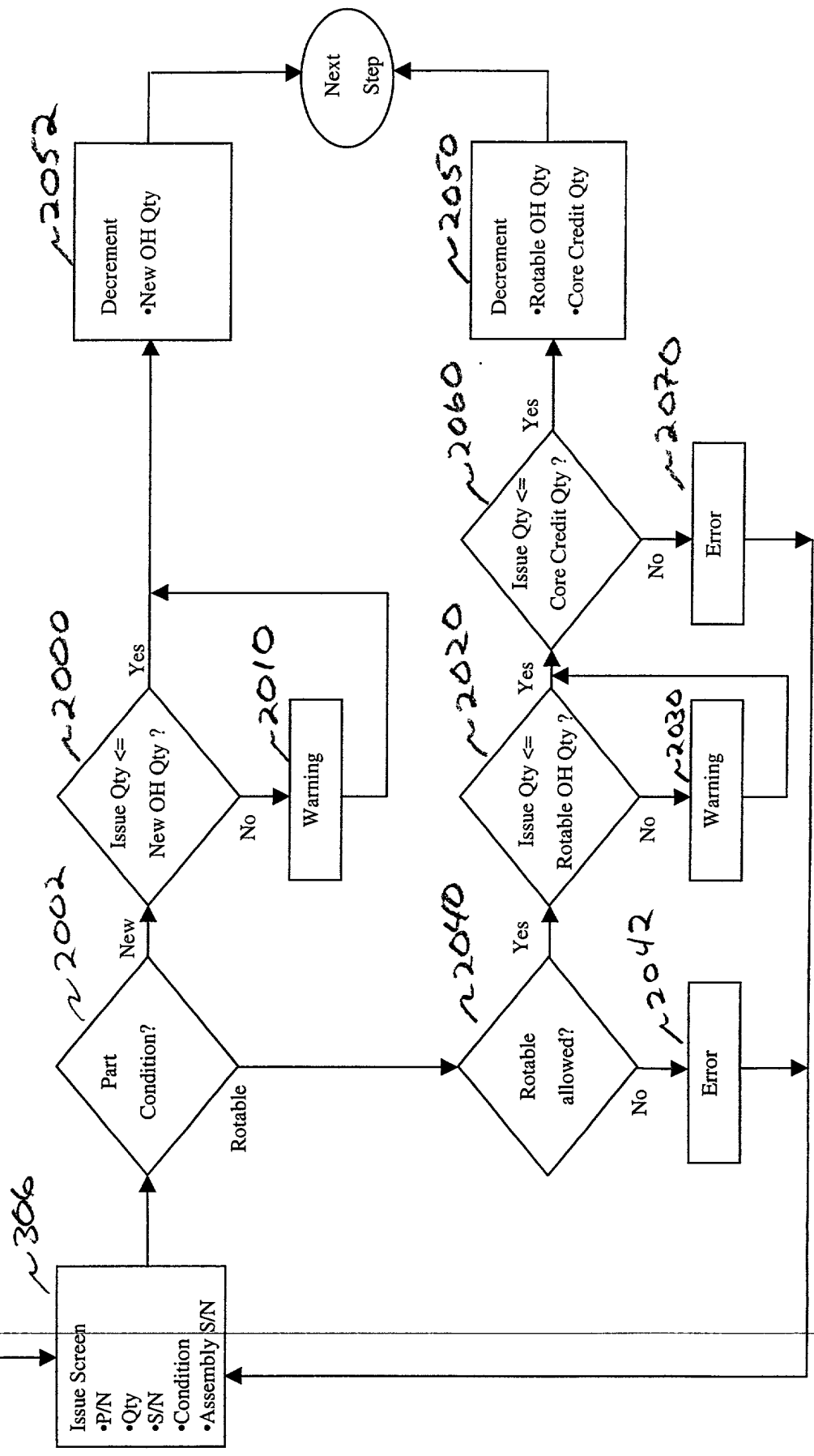


FIG. 15

FIG. 16 is a flowchart illustrating a process for receiving a part shipment. The process begins with an incoming shipment, which is then processed through a series of steps including checking for a new condition, verifying customer expectations, and updating inventory quantities. The process concludes with a warning or error message and proceeds to the next step.

Detail for Part Receive Process

~2100

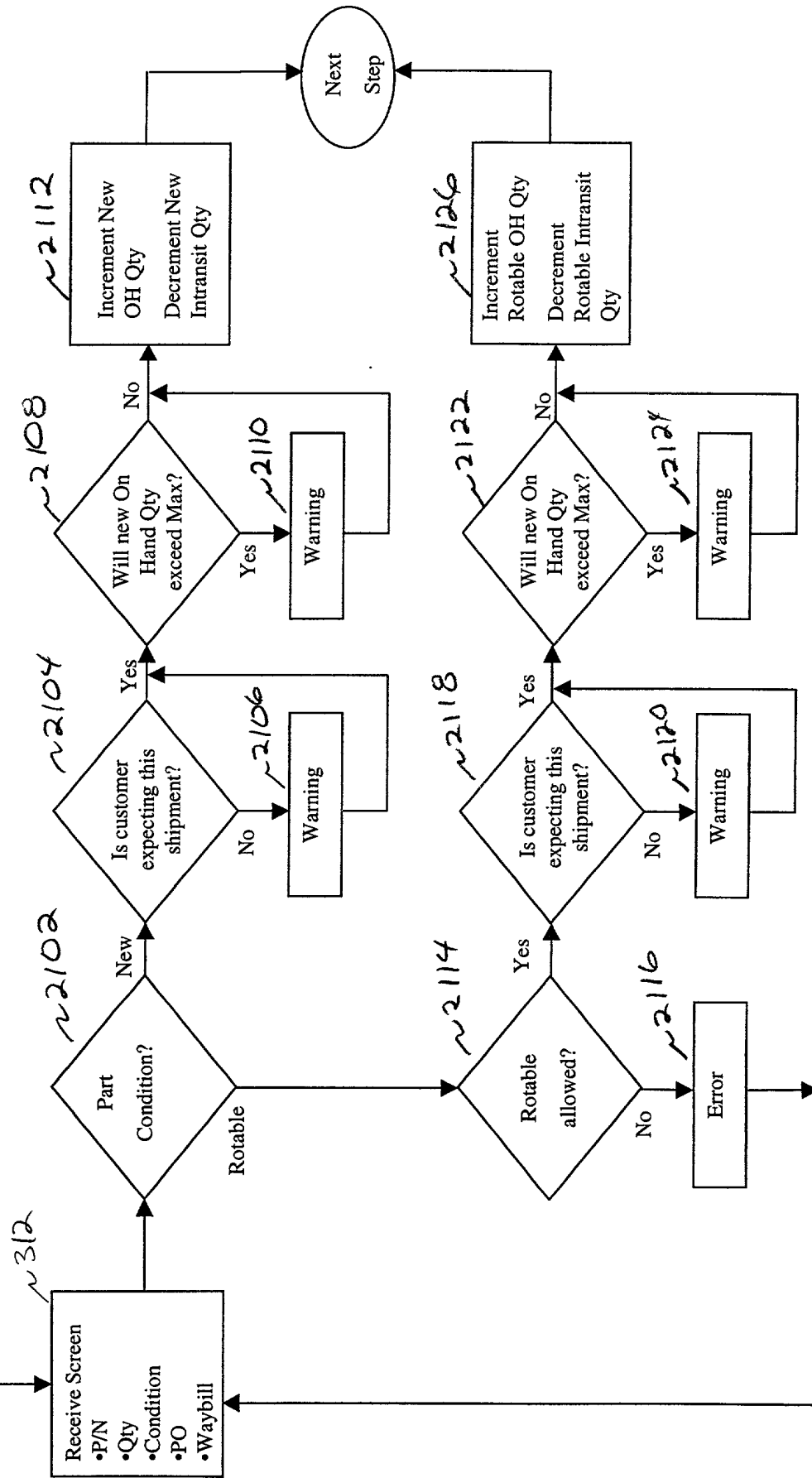


FIG. 16

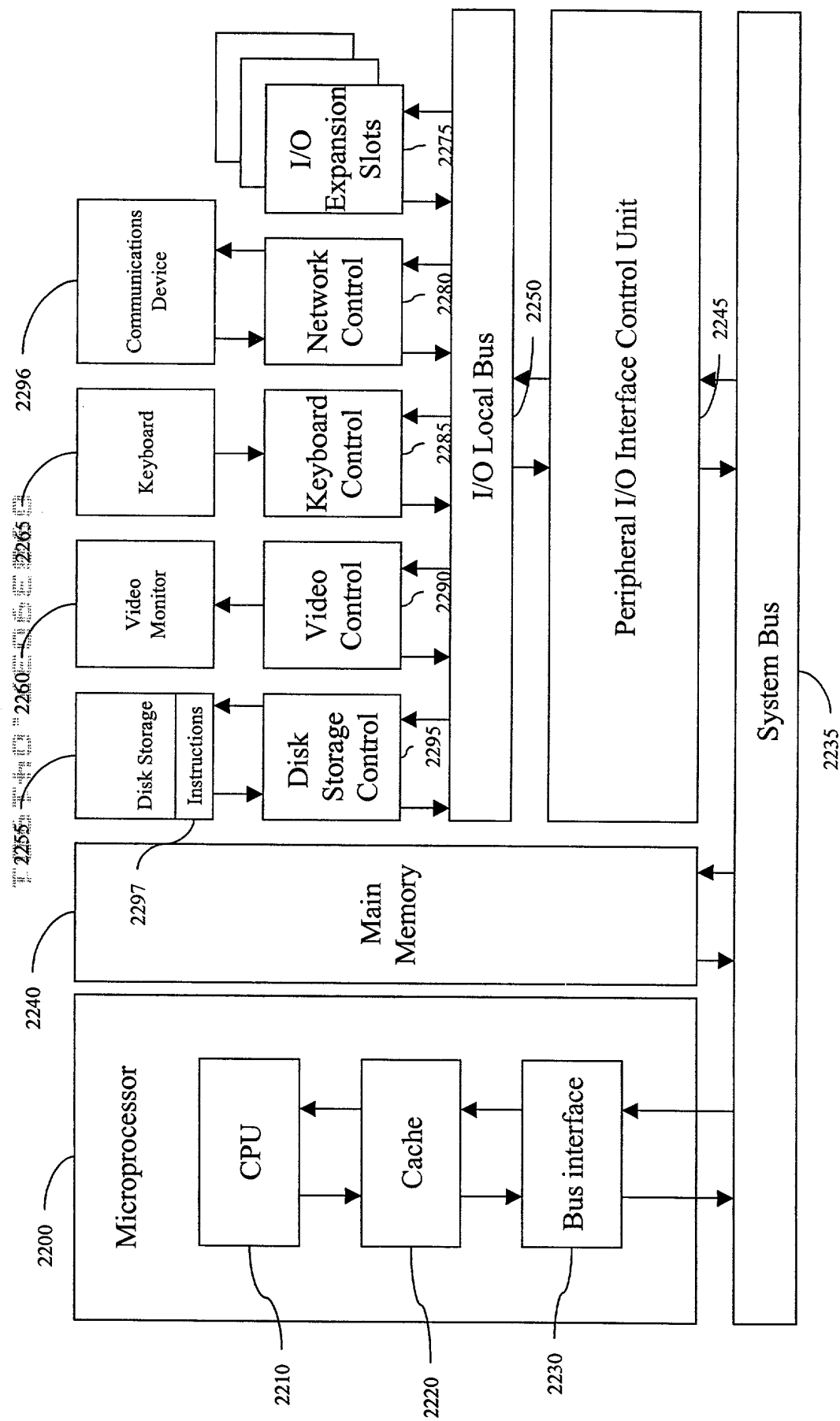


FIG. 17